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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10521573 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>HIRAI ET AL. |
|  | <b>Examiner</b><br><br>Jerry Redman            | <b>Art Unit</b><br><br>3634  |

| SEARCHED       |          |            |          |
|----------------|----------|------------|----------|
| Class          | Subclass | Date       | Examiner |
| updated search |          | 7/24/2008  | JR       |
| 49             | 280      | 12/15/2008 | JR       |
| updated search |          |            |          |
| updated search |          | 5/19/2009  | JR       |
| updated search |          | 7/29/2009  | JR       |

| SEARCH NOTES    |           |          |
|-----------------|-----------|----------|
| Search Notes    | Date      | Examiner |
| computer search | 7/24/2008 | JR       |

| INTERFERENCE SEARCH     |          |           |          |
|-------------------------|----------|-----------|----------|
| Class                   | Subclass | Date      | Examiner |
| all subs above and pgps |          | 7/29/2009 | JR       |

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|  | /Jerry Redman/<br>Primary Examiner.Art Unit 3634 |
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